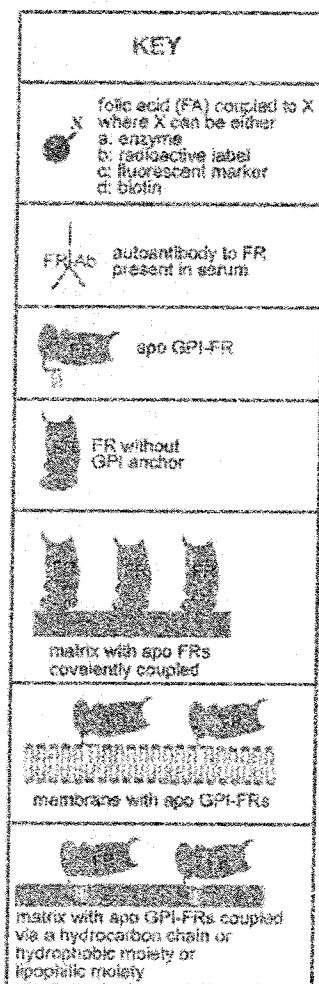


Figure 9A

Determination of the presence of blocking autoantibodies to FRs in serum



Incubate overnight at 4°C with
serum that has been charcoal treated to remove
endogenous FA



Incubate with for 30 min at 4°C

(FRs whose FA binding sites are not blocked by the autoantibody will bind to the)



Wash matrix/membranes to remove unbound

Detect bound either by counting radioactivity, or by incubating with an
avidin-enzyme complex followed by an appropriate substrate
resulting in a color reaction, or by direct color substrate reaction,
or by detecting immunofluorescence.

The reduction in bound obtained when compared to the control
incubation conducted in the absence of serum containing
autoantibodies to FRs identifies the presence of and gives the titer
of the blocking autoantibody to the FRs.

Figure 9B
Effect of biological samples containing varying titers of blocking autoantibodies to FRs

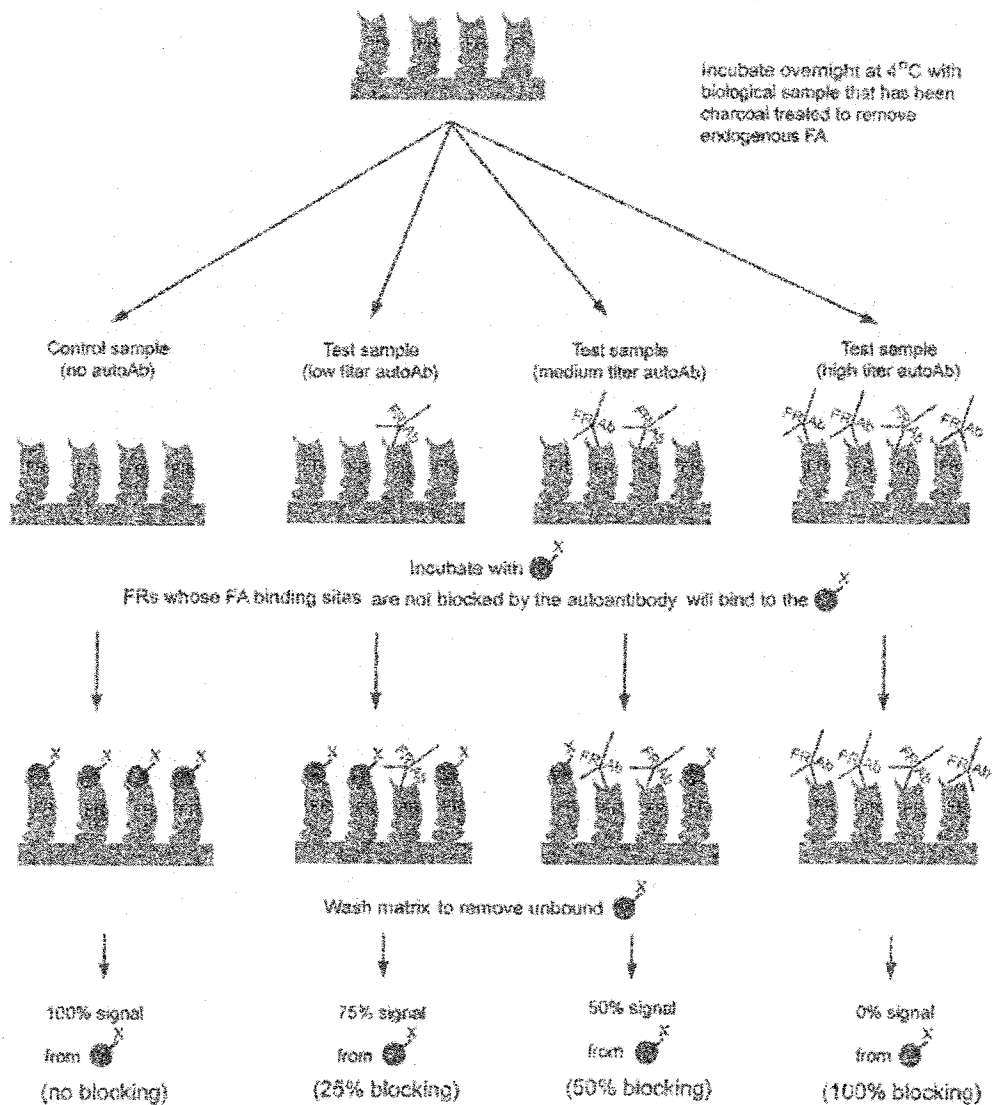


Figure 10.

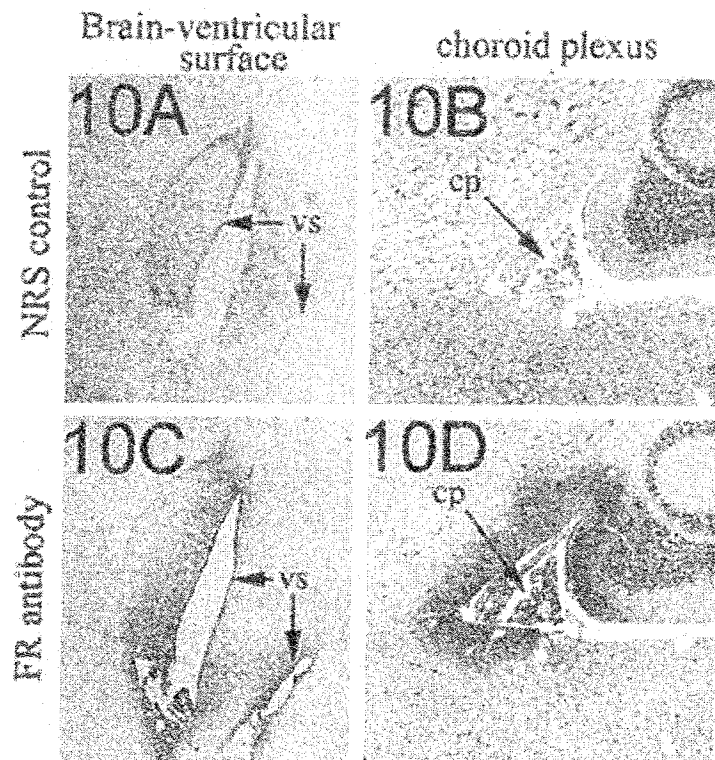


Figure 11.

